

NSWC Crane's professionals are recognized for developing and deploying reliable Radio Frequency (RF) sensors to detect, track and successfully engage ballistic missile threats. Its experts also sustain and modernize the Air Force and Navy Ballistic Missile Early Warning Systems worldwide and provide global support for radar technology and defense security systems.



Strategic Missions facilities possess world-class capabilities in:

- *Material & Failure Analysis*
- *Anti-Tamper and Counterfeit Electronics Detection Technologies*
- *Printed Circuit Board Technologies*
- *Radiation Hardened Electronics Technology, including the world's most powerful semiconductor linear accelerator*
- *Power and Energy Source Engineering and Evaluation*
- *Antenna Testing, with capabilities from 100 MHz to 20 GHz*
- *RF and Digital Design Engineering*
- *Modeling and Simulation of Electronics*
- *Microwave and Solid State Technology Facilities*

NSWC Crane's Strategic Missions experts are national leaders recognized with numerous credentials and assignments within the Department of Defense (DoD) and Navy. These roles include:



- *Executive Agent for Microwave Devices*
- *Executive Agent for Printed Circuit Board Technology*
- *NAVSEA Anti-Tamper Technical Warrant Holder*
- *Navy Anti-Tamper Science & Technology Coordinator*
- *STANDARD Missile Battery Technical Direction Agent*
- *Leadership in Hardened Electronics and Radiation Technology*
- *National Leadership in Counterfeit Electronics Technology*
- *Navy's Preeminent Center for Microelectronics Technology*



With a strong heritage, including 50+ years with SSP and 30+ years with the Air Force, and an important role with future SSBN capabilities, **NSWC Crane's Strategic Missions** experts are indispensable to the Nuclear Triad.

Innovative science, processes and policies that advance technologies such as radar, power, trusted electronics and printed circuit board also are fostered through **NSWC Crane's Critical Technologies Innovation Center (CTIC)**. CTIC promotes collaboration between government, industry and academia to support sustainment and modernization of combat systems for the Warfighter.

VISION...

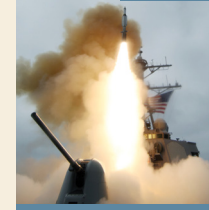
NSWC Crane will provide technical excellence and best value within the naval enterprise by applying our culture of innovation to create game-changing and agile solutions.

POINTS OF CONTACT

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**DETER
DEFEND
DEFEAT**

**STRATEGIC
MISSIONS**

DETER DEFEND DEFEAT



TECHNICAL CAPABILITIES

- Strategic Systems Hardware
- Advanced Electronics and Energy Systems
- Sensors and Surveillance Systems

THRUST AREAS

- Threat Detection
- Integrated Missile Defense
- Global Strike

PRODUCT AND SERVICES

- Full Spectrum, Total Lifecycle support for Strategic Systems
- Critical Trusted Electronics support to include High Reliability, Anti-Tamper, Anti-Counterfeit and Radiation Hardened technologies
- Power and Energy Total Lifecycle support solutions
- Leader in Radar Technology Transition to Solid State

NSWC Crane's Strategic Missions Professionals provide trusted technical solutions to deter, defend and defeat threats worldwide.

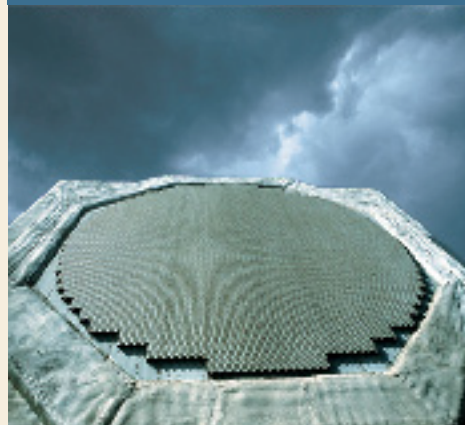
Naval Surface Warfare Center, Crane Division's (NSWC Crane) Strategic Missions experts deliver innovative technical solutions encompassing the full range of military activities that alter an adversary's will and ability to attack the U.S. and its interests. Strategic Missions professionals are dedicated to developing, deploying, and sustaining the technologies that ensure weapons systems are fully reliable and always available to the Warfighter.



Ohio-Class
(Trident) Submarine

NSWC Crane's top priority is to support the Warfighter by providing unbiased, accurate guidance to all of its Strategic Missions customers including:

- Strategic Systems Program
- Program Executive Office Integrated Warfare Systems (PEO-IWS)
- Missile Defense Agency
- Aegis Ballistic Missile Defense
- NASA



Cobra Dane
Land Based Radar
Array

Every ballistic missile in the U.S. arsenal carries key components developed at **NSWC Crane**. Strategic Missions professionals work on every subsystem of high reliability, trusted and critical electronics. As experts in advanced missile technology, **NSWC Crane** leads the way in the design, development, production and sustainment of trusted, critical electronics.

**FULL SPECTRUM,
FULL LIFECYCLE
LEADERSHIP**

